10/567,929   6/24/10   **STN**

12:49:26 ON 24 JUN 2010
13:11:06 ON 24 JUN 2010

FILE 'HCAPLUS' ENTERED AT 12:49:33 ON 24 JUN 2010
L1   1 SEA ABB=ON US20070051941/PN
              D ALL

FILE 'HCAPLUS, INSPEC, COMPENDEX' ENTERED AT 12:56:48 ON 24 JUN 2010
L2   131047 SEA ABB=ON (NANOTUBES(L) CARBON)
L3   139747 SEA ABB=ON (CARBON OR C)(3A)(NANOTUB? OR NANOFIB###### OR
              NANONEEDL? OR NANOROPE OR NANO ROPE OR NANOBUNDLE OR NANO
              BUNDLE OR NANOTHREAD OR NANOYARN OR NANO THREAD OR NANO YARN
              OR NANOBRISTLE OR NANO BRISTLE OR NANORIBBON OR NANO RIBBON)
L4   81406 SEA ABB=ON (DWNT OR CNT OR MWCNT OR SWCNT OR SWNT OR MWNT OR
              (SINGLE WALL### OR MULTI WALL### OR MULTIWALL###)(2A) NANOTUB?)
L5   17744 SEA ABB=ON (NANOSCALE OR TUBE OR CYLIND########)(3A)(CARBON OR C)
L6   158002 SEA ABB=ON (L2 OR L3 OR L4 OR L5)
L7   138807 SEA ABB=ON L6 NOT P/DT
L8   121 SEA ABB=ON L7 AND (PHOTOELECTRIC DEVICES)
L9   20 SEA ABB=ON L7 AND (PHOTOELECTRIC? OR PHOTO ELECTRIC)(2A)(CELL
              OR DEVICE OR APPARATUS OR APP##)
L10   7 SEA ABB=ON L7 AND (PHOTOELECTRIC CELLS)
L11   900 SEA ABB=ON L7 AND (SOLAR CELLS)
L12   396 SEA ABB=ON L7 AND (SOLARCELL OR SOLAR CELL)
L13   20 SEA ABB=ON L7 AND (SOLAR COLLECTORS)
L14   422 SEA ABB=ON L7 AND (SOLARCELL OR SOLAR CELL OR SOLAR COLLECT###
              ## OR SOLAR ACCUMULAT######)
L15   2 SEA ABB=ON L7 AND (PHOTOELECTRIC DEVICES, SOLAR)
L16   1 SEA ABB=ON L7 AND (PHOTOELEC. SOLAR CELLS)
L17   9 SEA ABB=ON L7 AND (PHOTOVOLTAIC SOLAR CELLS)
L18   0 SEA ABB=ON L7 AND (SOLAR PHOTOELECTRIC DEVICES)
L19   1 SEA ABB=ON L7 AND (SOLAR PHOTOVOLTAIC CELLS)
L20   0 SEA ABB=ON L7 AND (SOLAR PHOTOVOLTAIC DEVICES)
L21   83 SEA ABB=ON L7 AND (HETEROJUNCTION SOLAR CELLS)
L22   24 SEA ABB=ON L7 AND (PHOTOELECTROCHEMICAL SOLAR CELLS)
L23   0 SEA ABB=ON L7 AND (SCHOTTKY SOLAR CELLS)
L24   2 SEA ABB=ON L7 AND (TANDEM SOLAR CELLS)
L25   160 SEA ABB=ON L7 AND (SOLAR POWER)
L26   508 SEA ABB=ON L7 AND (SOLAR)(2A)(CELL OR PHOTOELECTRIC? OR PHOTO
              ELECTRIC? OR PHOTOELEC## OR BATER#### OR COLLEC? OR ACCUMULAT?
              OR PHOTOVOLTAIC OR PHOTO VOLTAIC OR PHOTOCELL OR PHOTO CELL OR HETEROJUNCTION)
L27   534 SEA ABB=ON L7 AND (CELL)(2A)(ELECTRIC? OR ELEC## OR PHOTOELECT
              RIC? OR PHOTO ELECTRIC? OR PHOTOELEC## OR PHOTOVOLTAIC OR PHOTO VOLTAIC OR SOLAR)
L28   692 SEA ABB=ON L7 AND (PHOTOVOLTAIC OR PHOTO VOLTAIC)
L29   1524 SEA ABB=ON (L8 OR L9 OR L10 OR L11 OR L12 OR L13 OR L14 OR
              L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR
              L24 OR L25 OR L26 OR L27 OR L28)
L30   1524 SEA ABB=ON L29 NOT P/DT
L31   165 SEA ABB=ON L30 NOT 2004-2010/PY
L32   12 SEA ABB=ON L31 AND REVIEW/TI,AB,DT
L33   4 SEA ABB=ON L31 AND REVIEWS/TI,AB,DT
L34   2 SEA ABB=ON L31 AND (OVERVIEW OR REVIEW OR TREND OR DEVELOPMENT OR RECENT)/TI
L35   5 SEA ABB=ON L31 AND (BAND GAP)
L36   6 SEA ABB=ON L31 AND (BAND OR ENERGY OR VALENCE OR COULOMB)(2A)(GAP)
L37   0 SEA ABB=ON L31 AND (BAND GAPS)
L38   0 SEA ABB=ON L31 AND (ENERGY LEVEL, BAND STRUCTURE(L) GAP)
L39   2 SEA ABB=ON L31 AND (ENERGY GAP)
L40   2 SEA ABB=ON L31 AND (BAND)(2A)(STRUCTURE)
L41   0 SEA ABB=ON L31 AND (BAND STRUCTURES)
L42   1 SEA ABB=ON L31 AND (FERMI LEVEL)
L43   0 SEA ABB=ON L31 AND (HIGHEST OR LOWEST)(W)(OCCUPIED)(W)(MOLECULAR ORBITAL)
L44   0 SEA ABB=ON L31 AND (HOMO OR LUMO)
L45   0 SEA ABB=ON L31 AND (HIGHEST OCCUPIED MOLECULAR ORBITAL)
L46   0 SEA ABB=ON L31 AND (LOWEST OCCUPIED MOLECULAR ORBITAL)
L47   0 SEA ABB=ON L31 AND (DONOR LEVELS)
L48   0 SEA ABB=ON L31 AND (BAND)(2A)(OFFSET OR OFF-SET OR OFF SET)
L49   0 SEA ABB=ON L31 AND (HOLE)(2A)(CONDUCT?)
L50   3 SEA ABB=ON L31 AND (WORK FUNCTION)
L51   12 SEA ABB=ON L31 AND (?POLYMER?)(2A)(CONJUGAT######)

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L52      4 SEA ABB=ON  L31 AND (MIX### OR MIXT## OR MIXTURE? OR BLEND###
           OR COMPOSIT#####)(3A)(?POLYMER?)(3A)(CONJUGAT?)
L53      0 SEA ABB=ON  L31 AND (ADMIX? OR COMMIX? OR IMMIX? OR INTERMIX?
           OR COMPN## OR COMPSN## OR FORMULAT? OR COMBINAT? OR INTERSPER?)
           (3A)(?POLYMER?)(3A)(CONJUGAT?)
L54      0 SEA ABB=ON  L31 AND (?POLYMER?)(3A)(CONJUGAT?)(3A)(PLURAL###
           OR AT LEAST OR MORE THAN ONE OR TWO OR 2 OR GREATER THAN OR
           MULTIPLE OR SEVERAL OR NUMEROUS OR MANY OR LARGE NUMBER OR
           GREAT NUMBER OR MULTIPLICI? OR THREE OR FOUR OR FIVE OR PAIR OR SET OR DUAL)
L55      0 SEA ABB=ON  L31 AND (POLYACETYLENES)
L56      1 SEA ABB=ON  L31 AND (POLYANILINES)
L57      0 SEA ABB=ON  L31 AND (POLYACETYLENE)
L58      2 SEA ABB=ON  L31 AND (POLYANILINE)
L59      1 SEA ABB=ON  L31 AND (2768-02-8 OR 9033-83-4 OR 18358-13-9 OR
           25067-58-7 OR 25190-62-9 OR 25212-74-2 OR 25067-58-7 OR
           25212-74-2 OR 25233-30-1 OR 25233-34-5 OR 26745-90-4 OR
           30523-92-3 OR 30604-81-0 OR 51555-21-6 OR 91201-85-3 OR
           96638-49-2 OR 177716-59-5)/RN
L60      0 SEA ABB=ON  L31 AND (50851-57-5)/RN(L)  MOA/RL
L61      0 SEA ABB=ON  L31 AND (MDMO(W) PPV)
L62      1 SEA ABB=ON  L31 AND (PEDOT)
L63      0 SEA ABB=ON  L31 AND (546-89-4 OR 7789-24-4 OR 13400-13-0)/RN
L64      0 SEA ABB=ON  L31 AND (LITHIUM OR LI OR CESIUM OR CE)(W)(ACETATE OR FLUORIDE)
L65     10 SEA ABB=ON  L31 AND (SOLARCELL OR SOLAR CELL)(3A)(NANOTUB?)
L66     12 SEA ABB=ON  L31 AND (SOLARCELL OR SOLAR CELL)(5A)(NANOTUB?)
L67     19 SEA ABB=ON  L31 AND (SOLARCELL OR SOLAR CELL)(L)(NANOTUB?)
L68      9 SEA ABB=ON  L31 AND (STAINLESS STEEL)
L69      0 SEA ABB=ON  L31 AND (ELECTRICITY)(2A)(GENERAT##### OR PRODUC###
           ### OR MAKING OR FORM###### OR MANUFACTUR####)
L70      0 SEA ABB=ON  L31 AND (ELECTRODE)(2A)(FIRST OR 1ST)
L71      2 SEA ABB=ON  L31 AND (ENERGY OR ENERGIES)(2A)(CONVERS? OR
           CONVERT?)
L72      8 SEA ABB=ON  L31 AND (FLEXIB?)
L73      5 SEA ABB=ON  L31 AND (DIMENSION### OR SIZE OR WIDTH##### OR
           WIDE#### OR LENGTH##### OR DIAMETER OR DIA## OR RADIUS OR
           RADII OR CIRCUM?)(3A)(CNT OR NANOTUB?)
L74     72 SEA ABB=ON  (L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR
           L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47 OR
           L48 OR L49 OR L50 OR L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR
           L57 OR L58 OR L59 OR L60 OR L61 OR L62 OR L63 OR L64 OR L65 OR
           L66 OR L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73)
L75     61 DUPLICATE REMOVE L74 HCAPLUS  (11 DUPLICATES REMOVED)
           D ALL 1-61
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